AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-185

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:

ans-editor@amsat.org

In this edition:
* 2010 AMSAT Space Symposium and Annual Meeting - Call for papers
* 13 Original Colonies Special Event on the Satellites
* AMSAT-UK Colloquium Hotel booking deadline
* AMSAT Field Day Wrap Up - Reminder Send Your Logs
* Long Island Celebration of Amateur Radio Satellite Operation
* Final Call for Papers--2010 ARRL/TAPR Digital Communications Conference
* Final Shuttle Launch Dates Announced
* ARISS Status - 28 June 2010

SB SAT @ AMSAT $ANS-185.01
2010 AMSAT Space Symposium and Annual Meeting - Call for papers

AMSAT News Service Bulletin 185.01
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.01

This is a reminder of the call for papers for the 2010 AMSAT Space Symposium and Annual Meeting to be held October 8 - 10 at the Chicago/Elk Grove Holiday Inn which is near O'Hare Airport.

The Symposium Committee invites proposals for:

+ Papers for publication in the Proceedings

+ Symposium Presentations

+ Poster Presentations

+ Equipment and Operating Demonstrations

These can be on any topic of interest to the amateur satellite community. We request a tentative title of your presentation as soon as possible, with final copy submitted by September 1, 2010 for inclusion in the printed proceedings.

Abstracts and papers should be sent to JoAnne Maenpaa, K9JKM at k9jkm@comcast.net.

[ANS thanks AMSAT's 2010 Symposium Committee for the above information]

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SB SAT @ AMSAT $ANS-185.02
13 Original Colonies Special Event on the Satellites

AMSAT News Service Bulletin 185.02
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.02

As of press time a couple of days remain to work the 13 Original Colonies Special Event stations via amateur radio satellites. The special event has been in progress since July 1 and will end on July 6. Here is the link for more info-

Here are the calls to listen for

NY - Pete,   WB2OQQ/K2A
VA - Steve, NL7VX/K2B (July 1 thru AM of July 2)
RI - Fletch, N1RCN/K2C
CT - Paul,   K1PL/K2D
DE - Jeff,   KB2M/K2E/MM
MD - Bruce, WA3SWJ/K2F
GA - Tim,   N3TL/K2G
MA - Dave,   KB1PVH/K2H
NJ - John,   K2ZA/K2I
NC - Mark,   N8MH/K2J
NH - Jack,   WA1ZDV/K2K
SC - Art,   K4YYL/K2L
PA - Rich,   K3BFS/K2M

More info at: http://www.13colonies.info/

[ANS thanks Dave, KB1PVH for the above information]

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SB SAT @ AMSAT $ANS-185.03
AMSAT-UK Colloquium Hotel booking deadline

AMSAT News Service Bulletin 185.03
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.03

Jim Heck, G3WGM, Hon. Sec. of AMSAT-UK reports
that the Holiday Inn at Guildford
will release the dedicated rooms for the AMSAT-UK Colloquium on
9 July. So there isn't a great deal of time to be sure of a room.
This year's Colloquium will be held 31 July - 1 August.

Please contact Emily Morris in the Hotel's Business Centre on
+44 (0) 1483 784437 emily.morris@ihg.com.

Further info, prices etc is at:
http://www.uk.amsat.org/content/view/32/42/

Last year there were still rooms available after the deadline,
but one or two delegates left it too late, and ended up in hotels
in other parts of Guildford.

SO PLEASE MAKE YOU BOOKING WITHIN THE NEXT WEEK TO BE SURE OF
AVAILABILITY!

[ANS thanks Jim, G3WGM, for the above information]

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SB SAT @ AMSAT $ANS-185.04
AMSAT Field Day Wrap Up - Reminder Send Your Logs

AMSAT News Service Bulletin 185.04
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.04

AMSAT Director Contests and Awards Bruce Paige, KK5DO reminds everyone who participated in the AMSAT Field Day that you need to email your results to him. Per the rules....

The Satellite Summary Sheet, available on-line at: http://www.amsat.org/amsat-new/awards/amsatfd.php should be used for submission of the AMSAT Field Day competition. It must be received by KK5DO (email or postal mail) by 11:59 P.M. CDT, Monday, July 12, 2010. The preferred method for submitting your log is via e-mail to: kk5do@amsat.org or kk5do@arrl.net.

You will receive an email back (within one or two days) from Bruce when he receives your email submission. If you do not receive a confirmation message, try sending it again or send it to Bruce's other email address.

Tim, N3TL noted, "I've never heard AO-7 so busy. I heard more stations on AO-7 than I've heard in the two years I've been working the satellites and I stayed in the CW portion of the passband! If CW was that busy, I suspect the SSB going on above 145.950 was even busier." Tim used an FT-817ND as the transmit radio, and a Yaesu VR-500 handheld all-mode receiver as the receive radio connected to an Elk antenna with a Diamond diplexer. In addition to hand-holding the Elk and manually tracking AO-7, Tim said he tuned for Doppler manually and used a straight key for CW. His goal was to show that effective satellite communications doesn't require significant expense and many satellites can be worked with the equipment you already own.

Patrick, WD9EWK/VA7EWK, operated from the Garland Prairie Vista picnic ground in the Kaibab National Forest 20 miles/32km west of Flagstaff AZ, along old US-66 in grid DM45ag. Patrick reported, "For AMSAT Field Day, 14 QSOs on 6 satellites - 6 on AO-7, 4 on FO-29, and one each on the other 4 (AO-27, AO-51, SO-50, VO-52). All done on battery power with a pair of 12V/20Ah jumpstart battery packs, 5W transmitter power, without generators or running off my truck's electrical system."

Andy W5ACM, wrote "Everything worked right this year for the Houston MosQRPitos, operating as W5MSQ near Brookshire, Texas. We were set up for all possible satellite configurations including Mode S down via AO-51. It was great to find AO-7 and FO-29 in good shape and fantastic ops via HO-68. It may have only been one pass at the end of the event, but it was a GOOD one. Thanks to all for the many satellite QSO's."

George, KA3HSW, Satellite op for W9CCU said, "We managed 21 contacts in all ... one on each FM bird and the remainder on the linear sats.I was very impressed at how well AO-7 held up. AO-51 V/S was a treat, and some observers couldn't believe how strong the downlink was with just a corner reflector on the K5GNA downconverter. Nice to have SO-67 back, too!"

A report received from Andrew KE5GDB says, "Field day was quite amazing down here in Houston too. I was one of the operators for K5HOU. I had

never heard SO-50 with so many people!"

Bob W7LRD, reported, "We had an absolute blast on field day. AO-7 sounded like a 20M pile up. Even the S band operation on AO-51 was busy. With so many stations on the satellites should we not have more AMSAT members?"

[ANS thanks Bruce, KK5DO and all the reporting stations for the above information]

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SB SAT @ AMSAT $ANS-185.05
Long Island Celebration of Amateur Radio Satellite Operation

AMSAT News Service Bulletin 185.05
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.05

AMSAT NY Area Coordinator, Pete WB2OQQ asks all stations to listen on Saturday, July 10 for the Great South Bay ARC Special Event, "A Celebration of Amateur Radio" This special event will take place at The Custer Institute, Long Island's Oldest Public Observatory. Pete, WB2OQQ will be "Satellite Active" from 9 AM to 3 PM for FM and Linear Satellite passes. At 3:45 - 4:45 Pete will give a talk on "A History of Amateur Satellites, and how to communicate thru them". A special QSL card will be available, for more information visit, www.CusterObservatory.org or www.gsbarc.org.

[ANS thanks Pete WB2OQQ for the above information]

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SB SAT @ AMSAT $ANS-185.06
Final Call for Papers--2010 ARRL/TAPR Digital Communications Conference

AMSAT News Service Bulletin 185.06
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.06

Technical papers are solicited for presentation at the 29th Annual ARRL and TAPR Digital Communications Conference to be held September 24-26, 2010 near Portland, Oregon. These papers will also be published in the Conference Proceedings (you do NOT need to attend the conference to have your paper included in the Proceedings). The submission deadline is July 31, 2010. Please send papers to:

Maty Weinberg
ARRL
225 Main St
Newington, CT 06111

or you can make your submission via e-mail to: maty@arrl.org

Papers will be published exactly as submitted and authors will retain all rights.

[ANS thanks Steve, WB8IMY, for the above information]

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SB SAT @ AMSAT $ANS-185.07

Final Shuttle Launch Dates Announced

AMSAT News Service Bulletin 185.07
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.07

The July 2 UniverseToday.com newsletter reports that NASA announced new target dates for the final two (and maybe three) shuttle missions. STS-133 is now aiming for November 1, 2010 at approximately 4:33 p.m. EDT for the final flight of shuttle Discovery, and for STS-134, February 26, 2011 at around 4:19 p.m. EST for shuttle Endeavour's last launch. The potential bonus mission STS-135, would launch sometime in August 2011, if approved by Congress and NASA. The latest word on that was that NASA officials hope the decision would be made sometime this month.

[ANS thanks UniverseToday.com for the above information]

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SB SAT @ AMSAT $ANS-185.08
ARISS Status - 28 June 2010

AMSAT News Service Bulletin 185.08
From AMSAT HQ SILVER SPRING, MD.
July 4, 2010
To All RADIO AMATEURS
BID: $ANS-185.08

1. Upcoming School Contacts

Cavett Kids Foundation's Camp Cavett, based out of OU Medical Center in Kingston, Oklahoma, has been scheduled for an Amateur Radio on the International Space Station (ARISS) contact on Thursday, July 8 at 20:35 UTC. The mission of the Cavett Kids Foundation is to provide a forum of support through various camps, events, and programs for children with life-threatening and chronic illnesses while promoting character, coping skills, and connection. Using ARRL (American Radio Relay League) lesson plans, children will be introduced to the basics of radio wave propagation. Local radio clubs will assist with demonstrations and hands on activities.

2. Japanese Club Talks to ISS via ARISS Contact

On Wednesday, June 23, Asahi Manabiya, a volunteer club in Owariasahi, Japan, took part in a direct Amateur Radio on the International Space Station (ARISS) contact. Approximately 145 people attended the event and watched as the youth asked 23 questions of Expedition 23/24 astronaut Tracy Caldwell-Dyson, KF5DBF. This contact was a featured activity used by the club to pique children's interest in natural science. The event drew media attention and was covered by one radio station, two television stations and a newspaper.

3. ARISS Web Page Links to DLN Module

An Amateur Radio on the International Space Station (ARISS) page may be found on NASA's Teaching From Space (TFS) Web site. A link to the Digital Learning Network (DLN) amateur radio module has been added to this page. See:
http://www.nasa.gov/audience/foreducators/teachingfromspace/students/ariss.html

4. ARISSat Safety Review to be Held

The Johnson Space Center Payload Safety Review Panel will perform a flight safety review of ARISSat-1 on the mornings of Wednesday and Thursday, June 30 - July 1 in Houston. Participation in the review will include U.S. and Russian ARISSat team members as well as RSC-Energia safety specialists.

[ANS thanks Carol, KB3LKI, for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
Lee McLamb, KU4OS